

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : **CANON INC**

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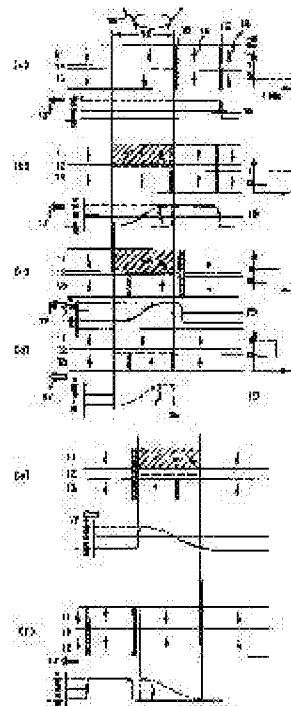
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(54) MAGNETIC RECORDING MEDIUM AND ITS REPRODUCING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a magnetic recording medium in which reproducing is conducted for the signals having the recording density that exceeds the resolution of an optical system without reducing the amplitude of reproduced signals, it is made difficult to receive an adverse effect of magnetic wall coercive force, etc., and the data transfer rate is improved, and to provide a reproducing method of recorded information.

SOLUTION: The magnetic recording medium is at least made by successively laminating first, second and third magnetic layers 11, 12 and 13 which are mutually switched-connected in room temperature. The layer 12 is made of the magnetic film having the Curie temperature which is lower than the Curie temperatures of the layers 11 and 13. The thickness of the magnetic wall of the layer 11 is set to at least not less than 200 nm when the layer 11 exists as a single layer film in the vicinity of the Curie temperature of the layer 12 and the thickness of the magnetic wall of the layer 13 is set to not more than 20 nm when the layer 13 exists as a single layer film.



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